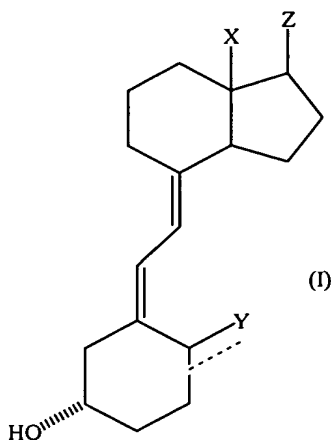




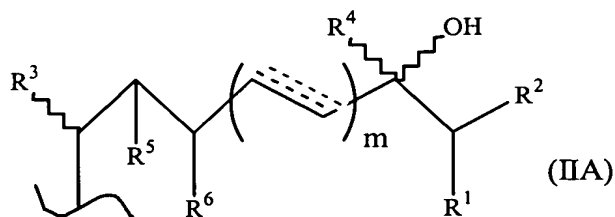
MARKED VERSION OF AMENDED CLAIMS UNDER
37 CFR § 1.121(c)(1)(ii)

All the words, phrases, or numbers added to the claims are underlined, and all words, phrases, or number removed from each such claim are enclosed in brackets (“[]”).

4. (Twice Amended) The method of claim 14 wherein said 24-hydroxyvitamin D is a compound of formula (I):



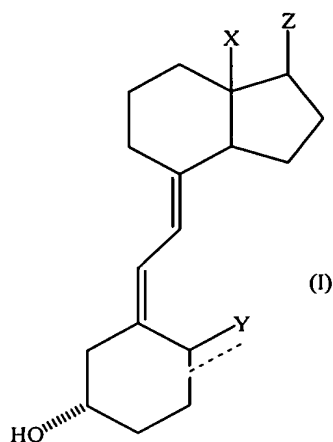
wherein Y is a methylene group if Y is double bonded to the A-ring or a methyl group or hydrogen if Y is single bonded; and X is hydrogen, lower alkyl or lower fluoroalkyl; [a dotted line along the side chain represents an optional additional C-C bond and m is 0 or 1; R¹ and R² are independently lower alkyl, lower fluoroalkyl, lower alkenyl, lower fluoroalkenyl, lower cycloalkyl or, taken together with the carbon to which they are bonded, form a C₃-C₈ cyclohydrocarbon ring; R³ is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R⁴ is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R⁵ and R⁶ are each hydrogen or taken together form a double bond between C-22 and C-23] and Z is a side chain of formula (IIA):



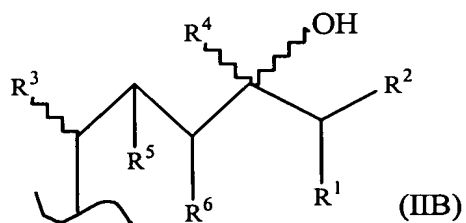
wherein a dotted line along the side chain represents an optional additional C-C bond and m is 0 or 1; R¹ and R² are independently lower alkyl, lower fluoroalkyl, lower alkenyl, lower

fluoroalkenyl, lower cycloalkyl or, taken together with the carbon to which they are bonded, form a C₃-C₈ cyclohydrocarbon ring; R³ is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R⁴ is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and R⁵ and R⁶ are each hydrogen or taken together form a double bond between C-22 and C-23.

5. (Twice Amended) The method of claim 14 wherein said 24-hydroxyvitamin D is a compound of formula (I):



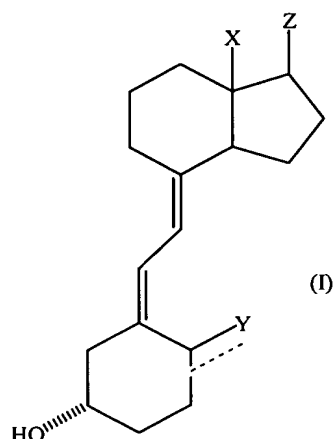
wherein Y is a methylene group if Y is double bonded to the A-ring or a methyl group or hydrogen if Y is single bonded; and X is hydrogen, lower alkyl or lower fluoroalkyl; [a dotted line along the side chain represents an optional additional C-C bond and m is 0 or 1; R¹ and R² are independently lower alkyl, lower fluoroalkyl, lower alkenyl, lower fluoroalkenyl, lower cycloalkyl or, taken together with the carbon to which they are bonded, form a C₃-C₈ cyclohydrocarbon ring; R³ is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R⁴ is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and R⁵ and R⁶ are each hydrogen or taken together form a double bond between C-22 and C-23;] and Z is a side chain of formula (IIB):



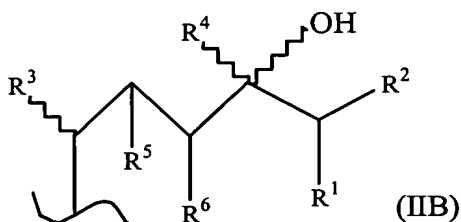
wherein R^5 and R^6 are each hydrogen or taken together form a double bond between C-22 and C-23, R^3 is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R^4 is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and R^1 and R^2 are independently hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl, lower fluoroalkenyl, lower cycloalkyl or taken together with the carbon to which they are bonded form a C_3 - C_8 cyclocarbon ring.

30. (Amended) The method of claim 29, wherein said 24-hydroxy~~previtamin~~ vitamin D is 24-hydroxy~~previtamin~~ vitamin D₂; 24(S)-hydroxy~~previtamin~~ vitamin D₂; 24-hydroxy~~previtamin~~ vitamin D₄; or 24(R)-hydroxy~~previtamin~~ vitamin D₄.

36. (Amended) The composition of claim 15, wherein said 24-hydroxyvitamin D is a vitamin D₂ compound of formula (I):



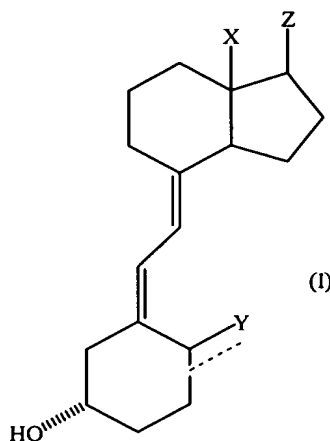
wherein Y is a methylene group if Y is double bonded to the A-ring or a methyl group or hydrogen if Y is single bonded; and X is hydrogen, lower alkyl or lower fluoroalkyl; and[,] wherein Z is a sidechain of formula (IIB):



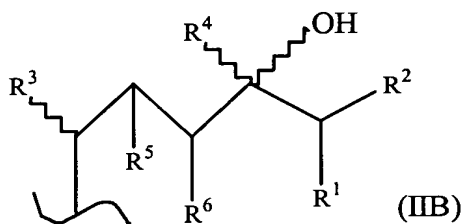
wherein R^5 and R^6 are each hydrogen or taken together form a double bond between C-22 and C-23, R^3 is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower

fluoroalkenyl; R⁴ is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and wherein R¹ is a methyl group, and wherein R² is a methyl group.

37. (Amended) The tablet of claim 25, wherein the vitamin D compound is a vitamin D₂ compound of formula (I):



wherein Y is a methylene group if Y is double bonded to the A-ring or a methyl group or hydrogen if Y is single bonded; and X is hydrogen; and[,] wherein Z is a sidechain of formula (IIB):



wherein R⁵ and R⁶ are each hydrogen or taken together form a double bond between C-22 and C-23, R³ is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R⁴ is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and [wherein X is hydrogen,] wherein R¹ is a methyl group, and wherein R² is a methyl group.